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Mouse-over the options below to find out more about lighting for your industry or download one of our [Segment Brochures](#).



HOSPITALITY	PROPERTY MGMT.	RETAIL	WAREHOUSE/DISTRIBUTION	RESTAURANT	INDUSTRIAL	HEALTH SERVICES	UTILITY/PUBLIC	SCHOOLS AND UNIVERSITIES
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**Hospitality Needs**

OPERATIONAL EFFICIENCIES	PROFIT ENHANCEMENT	SECURITY & FUNCTION	RISK MANAGEMENT
--------------------------	--------------------	---------------------	-----------------

Operational Efficiencies & Profit Enhancement

- [Compact Fluorescent Family](#)
- [Linear and Ballast](#)
- [Halogen](#)

Security & Function

- [Compact Fluorescent](#)
- [Halogen](#)
- [HID Lamps](#)

Risk Management

- [CovRGuard](#)

What matters to you most?

Mouse over the above concerns to learn more about how the proper can improve and make day-to-day hospitality operations more efficient.

Select a product from the left side menu to learn more.

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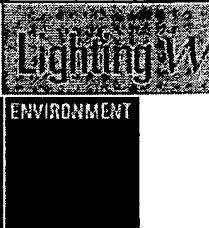
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Property Management Needs



TENANT SATISFACTION	ELECTRICAL OPTIMIZATION	LABOR PRODUCTIVITY	SAFETY / SECURITY	ENVIRONMENT

Tenant Satisfaction

- [•HIR/XL](#)

What matters to you most?

Is it insuring that tenants are completely satisfied? How about reducing property's energy costs or increasing productivity? The right lighting can positively impact the safety of the property and address environmental concerns.

Mouse over the above concerns to learn more about how GE Lighting products that impact properties or select a product from the left side menu for more.

Electrical Optimization

- [•Genura](#)
- [•Electronic Ballast Systems](#)
- [•HIR](#)

Labor Productivity

- [•HIR/XL](#)

Safety & Security

- [•Staybright](#)
- [•Lucalox XL](#)

Environmental

- [•Ecolux](#)
- [•Ecolux XL](#)

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**Retail**

Need more information on a lighting application?
Choose between external, general perimeter, accent or display lighting.

**Literature Library**

Download electronic copies of the latest publications from GE Lighting to get everything from detailed specification data to marketing information.

The proper lighting technology can impact re-lighting in a variety of ways.

Instant Access to our world of products.
[e-Catalog Click Here](#)



Visit the [GE Lighting Press Room](#) for news and information on GE products and services.

Choose another segment:

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Retail

EXTERIOR	GENERAL	PERIMETER	ACCENT	DISPLAY



Architectural

Build an atmosphere that attracts customers by highlighting key displays and creating a positive representation. Good accent lighting can create a Society of Interior Designers image that attracts shop visitors. Lighting can be interesting and inviting them to buy.

Learn more about Retail Lighting...

Check out our upcoming course at the GE Lighting Institute.

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[Lighting tips](#)

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Good lighting is a valuable tool that attracts customers and aids in the merchandise. Proper lighting enhances the shopping environment. When highlighting primary display areas or focusing attention on specials in the way, effective lighting can produce a visually lively atmosphere that both spontaneous and repeat sales in a wide range of retail settings.

See the difference.

Visit the [Virtual Lighting Designer](#).

MOUSE-OVER THE KEY RETAIL AREAS ABOVE FOR MORE INFORMATION...

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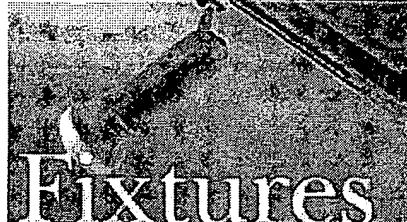
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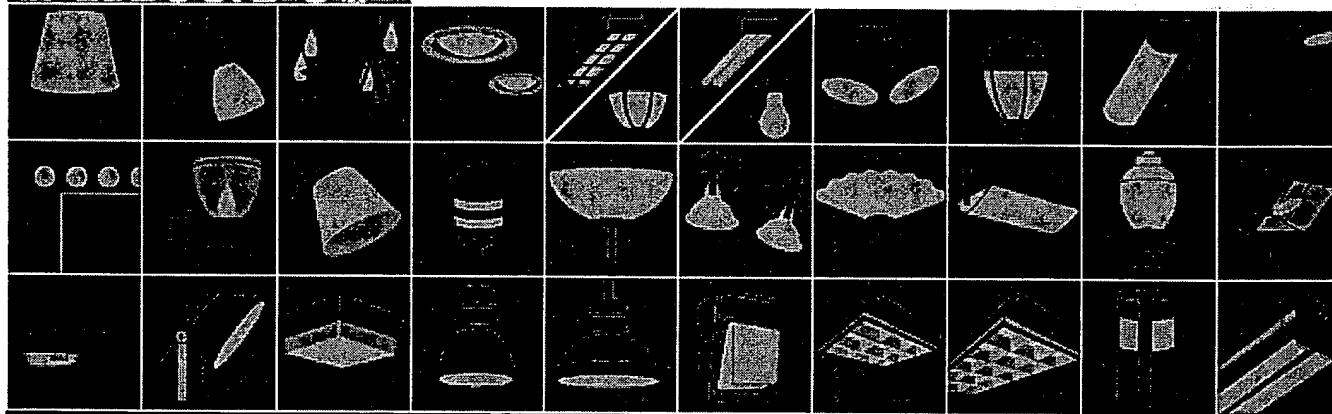
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Mouse-over and click on the *Fixture* options below to reveal the types of products that complement these fixtures. For specific lighting solutions select one of our Wizards.

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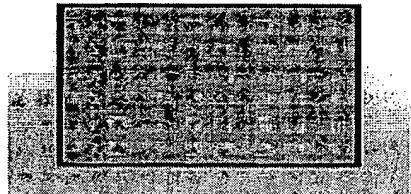




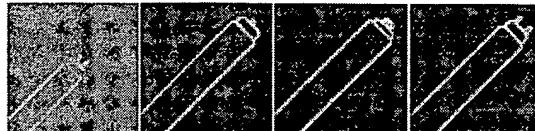
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2x4 Fluorescent



A 2 foot by 4 foot luminaire that is used in interior spaces for general illumination. Generally equipped with 2 or more fluorescent lamps this fixture can have diffusers or prismatic distribution. Generally can accommodate 3 to 4 lamps with appropriate ballasting.

With the right bulb, your *2x4 Fluorescent Fixture* can offer any kind of the **Fluorescent** option above to learn more.

For specific lighting solutions, visit our [Lighting Solutions Center](#) and [Wizards](#) guide you to the *appropriate products*.

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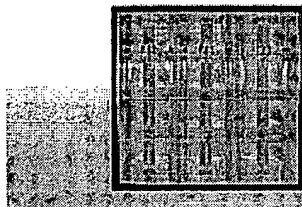
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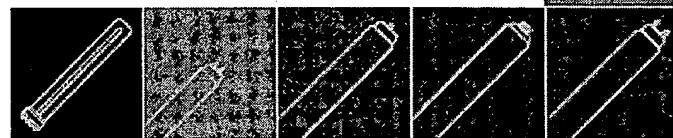
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2x2 Fluorescent



A 2 foot by 2 foot luminaire that is used in interior spaces for general illumination. Generally equipped with 2 or more fluorescent lamps, this fixture can have diffusers or prismatic distribution.

With the right bulb, your *2x2 Fluorescent Fixture* can offer any kind of the **Fluorescent** or **CFL** option above to learn more.

For specific lighting solutions, visit our [Lighting Solutions Center](#) and [Wizards](#) guide you to the appropriate products.

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Low Bay



Industrial fixtures generally used in Low-Bay applications. They use reflectors to broadly distribute the light over large areas. Low-Bay fixtures are typically used in applications that have ceilings between 20 to 30 feet.



With the right bulb, your *Low Bay Fixture* can offer any kind of light. Click the option above to learn more.

For specific lighting solutions, visit our [Lighting Solutions Center](#) and [Wizards](#) guide you to the appropriate products.

Lighting W

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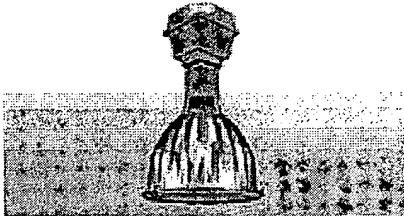
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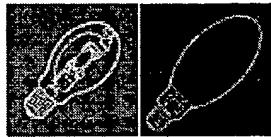
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High Bay



Industrial fixtures generally used in High-Bay applications. They use reflectors to properly distribute the light where needed. High-Bay fixtures are typically used in applications that have ceilings higher than 30 feet.

With the right bulb, your *High Bay Fixture* can offer any kind of light. C HID option above to learn more.

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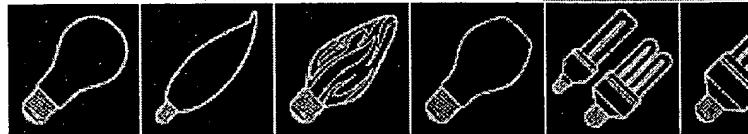


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Post Lamp

Lighting VI



An outdoor lighting element used for walkway, area, street and applications where a decorative look is preferred. Post lamps can take on many different architectural appearances and offer a wide selection of light sources.

With the right bulb, your *Post Lamp* can offer any kind of light. Choose option above to learn more.

For specific lighting solutions, visit our [Lighting Solutions Center](#) and [Wizards](#) guide you to the appropriate products.

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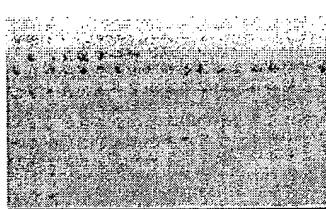
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**Value*Light 1.3**

Download the
Value*Light
1.3 Advanced
Cost of Light
Tool for free.

feature**2002 Edison Award***Entry deadline approaches...*

Become a part of history and join what will be a memorable celebration of the 20th anniversary of the GE Edison Award.

The deadline for entering your professional lighting project is almost here. Qualifying entries must be received by mail no later than Monday, February 3, 2003.

[Learn more.](#)

2001 Winner:
Kris L. Wilde, LC - *Creative Designs in Light*
For lighting:
Sapporo Sushi and Teppan Yaki, Phoenix, AZ

[More on Edison A](#)**Edison Award FAQ**

Browse the list of frequently asked
Edison Award questions and
answers.

Call For Entries

Over the past 19 years, the Ed
Award has recognized outstan
designs. [Learn more.](#)

Lighting Institute**Conferences**

January | 27-31 |
Fundamentals of Commercial
and Industrial Lighting

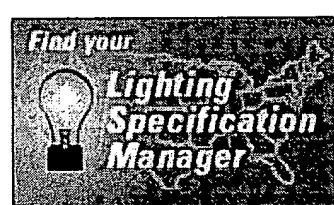
February | 12-13 |
Healthcare Lighting

February | 19-21 |
Distributor Lighting Basics**

February | 27-28 |
Lighting Retrofit

**Energy Star**

Take a look at
GE Lighting's
Energy Star
products.

**Find Your GE Lighting Specification Man**

What are the new lighting technologies GE is working on? How
get samples of the new GE Lamps I am specifying? My GE Ligh
catalog is out of date...where can I obtain a new one?

Have a GE Lighting Specification Manager help you find the an
you are looking for.

Resou**Archived Webcasts**

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product information...instant a
to our world of products.

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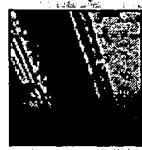
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Lighting Toolkit

Seven simple estimating tools for lighting professionals.



entertainment, germicidal, aircraft, and other specialty applications.



informative materials on GE products.

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Tools

Software and interactive resources to help yo
master the subtleties of light.

Value*Light | Quality of Light | Hi*Calc Software | Light*Beams Software | IES Downloads

Value*Light

Contrary to popular belief, cost of light is not the purchase price of the lamps themselves; it's prim
the lamps' energy usage. The lamp purchase represents only a small fraction, 4 percent, of the ove
cost of light.

Value*Light is a Cost of Light tool. It allows you to present a sophisticated analysis of the cost of
operating and owning a lighting system. It compares different systems and points out the best
alternatives.

For example, \$4,000 a year in lamp replacement costs may add up to \$88,000 per year in electric e
costs. The exact ratio will depend on the kind of lamps used and energy costs in the area.

Energy efficient lamps that use 20 percent less power, while providing the same amount of light, c
save you approximately \$17,000 a year on your energy bills.

Our analysis of a 50,000 square-foot retail store that replaced older F40 Cool White T12 fluoresce
lamps with new GE electronic ballasts and GE T8 lamps (with the patented Starcoat™ technology
averaged \$13,000 in annual electrical energy cost savings. Thousands of stores, factories and offic
making this simple lamp switch out each year and getting similar savings.

GE T8 fluorescent lamps are built with Starcoat™ technology, which offers superior lumen mainta
over life of the lamp. A 32-watt T8 lamp operating on an efficient electronic ballast, has a higher
maintained light output than a 40-watt T12 lamp. This setup also eliminates light flicker and offers
improved color.

The small investment in labor and ballasts will result in a phenomenal payback by recovering mor
half your investment in the first year alone—almost 60 percent return on investment!

With those figures in mind, a 50-store retail chain would save approximately \$2.7 million in energ
over the life of the lamps. Offices, factories and other retail venues would benefit from similar sav
The more hours a day you burn the lamps, the faster the payback period for your investment.

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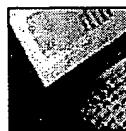
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Value*Light

There's more to lighting costs than the cost of the lamps.



Hi*Calc Software

Calculate the effect that input voltage has on incandescent and halogen lamp life, color temperature, and light output.



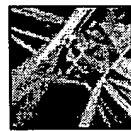
Quality of Light

View dimensions of light source color - color temperature and color rendering - for the most popular light sources.



Light*Beams Software

Just updated! This downloadable interactive software is designed to help you choose the right GE light for your downlighting and accent needs.



IES Downloads

Download IES formatted files for use in fixture software.

Software and interactive resources to help you master the subtleties of light.

2002 Edison Award

Edison Award !

See past and present winners. [Click here](#)



**Are you using
the Right Ligh**

Virtual Lighting Designer

Confused about which light to place where? Visualize difference using GE Lighting's Virtual Lighting Design wizard.

UltraMax Ballast Cross Reference

Let the Electronic Ballast Cross Reference & Selector help you find the correct UltraMax Ballast option to fit needs.

GE Lighting Toolkit

Seven simple tools to help you quickly estimate quantity watts per square foot, energy costs and dimming system wattage. Access the toolkit online or download a zip file to your computer.

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Compare watts/sq. foot values for two alternate lighting configurations. SEE INSTRUCTIONS AT BOTTOM.		<input type="button" value="Print"/>
INPUT		
Area to be lit	<input type="text"/> sq. ft.	
...	SYSTEM 1	SYSTEM 2
System Name (optional)	<input type="text"/>	
No. of Fixtures	<input type="text"/>	<input type="text"/>
Watts per Fixture	<input type="text"/>	<input type="text"/>
<input type="button" value="Calculate"/>		
..	SYSTEM 1	SYSTEM 2
Total System Load	<input type="text"/>	
Watts per sq. foot	<input type="text"/>	

INSTRUCTIONS: Enter the correct values in the gray cells and press calculate.

GE Lighting Institute presents...

GE LIGHTING TOOLKIT!

Version 1.03

Simple Tools to answer Lighting Energy Questions!

Simple Energy Estimator	Calculate energy used by existing system, compare with proposed upgrade and calculate time to recoup investment.
Watts per sq. foot Estimator	Compare watts/sq. foot values for two alternate lighting configurations.
Lighting Layout Estimator	Estimate the number of fixtures needed to light an indoor area to a specified light level (foot-candles).
Fixture Replacement Estimator	Figure out how many fixtures with lamp B can replace the lamp A fixtures while maintaining the average light level.
Dimming System Watts Estimator	Obtain an overall equivalent wattage and calculate energy reduction when using a dimming system.
Cost of Waiting Estimator	Investigate how much it is costing to postpone the lighting upgrade.
Simple Life- Cycle Cost Estimator	Compute and compare Life Cycle Costs of two different lamps.
LIGHTING TOOLKIT MAKES ESTIMATING EASY!	
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To GE Lighting Toolkit Home	SIMPLE ENERGY Estimator	Copyright ©2002 General Electric Company All Rights Reserved Version 1.03																														
<p>Calculate energy used by proposed system upgrade, compare with existing system and calculate time to recoup investment.</p> <p>SEE INSTRUCTIONS AT BOTTOM.</p>																																
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<p>INSTRUCTIONS: Enter the correct numbers in the 5 gray cells on the left and press "Calculate". You may change the default numbers provided for cost per kWh, hours burned, etc.. NEXT STEP: If you put in the investment to upgrade (per fixture) and press "Calculate" again you will discover the time it takes--from energy savings alone--to recoup the investment.</p> <p>This investment should include lamp, ballast and labor required to get the fixture ready; you may subtract any offsetting costs that would have been incurred with the current system. Example: if you were going to relamp anyway, then the labor would wash out and not be included in the investment. Also, you would subtract the cost of the old lamp from the cost of the proposed upgrade lamp as an offsetting cost, figuring out only how much "extra" it cost to perform the upgrade.</p>																																

To GE Lighting Toolkit Home	Lighting Layout Estimator	Copyright ©2002 General Electric Company All Rights Reserved Version 1.03																																				
<p>Estimate number of fixtures needed to light an indoor area to a specified light level (foot-candle level). SEE INSTRUCTIONS AT BOTTOM.</p> <div style="text-align: right; margin-top: 10px;"> <input style="border: 1px solid black; padding: 2px 10px;" type="button" value="Print"/> </div>																																						
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<p>INSTRUCTIONS: Enter the correct numbers in the gray cells and press "Calculate". For an explanation of the terms "Ballast Factor" and "Coefficient of Utilization," please click on the labels. Note that this estimator does include the effects of ballast factor and lumen depreciation but does not include Light Loss Factors (LLF) from ambient temperature, voltage, dust, tarnishing etc..</p>																																						

[To GE Lighting Toolkit Home](#)**Fixture Replacement Estimator**

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Figure out how many fixtures with lamp B can replace the fixtures with lamp A while maintaining the same light level. Or, if you leave the number of fixtures unchanged, figure out the percentage change in light level.

.SEE INSTRUCTIONS AT BOTTOM.	LAMP A	LAMP B
Lamp or System Name (optional)	<input type="text"/>	<input type="text"/>
No. of Lamps per Fixture	<input type="text"/>	<input type="text"/>
Lamp Mean Lumens	<input type="text"/>	<input type="text"/>
Ballast Factor (BF)	<input type="text" value="1.00"/>	<input type="text" value="1.00"/>
Coeff. of Utilization (CU)	<input type="text" value=".60"/>	<input type="text" value=".60"/>
No. of Existing Fixtures (Lamp A)	<input type="text"/>	
Calculate		
SOURCE MEAN LUMENS PER FIXTURE	<input type="text"/>	<input type="text"/>
USABLE MEAN LUMENS PER FIXTURE	<input type="text"/>	<input type="text"/>
(1) Change in Average Light level if number of fixtures is left unchanged.	<input type="text"/>	
(2) No. of Fixtures (Lamp B) required to maintain same average light level.	<input type="text"/>	

INSTRUCTIONS: Enter the correct numbers in the gray cells and press "Calculate". For an explanation of the terms "Ballast Factor" and "Coefficient of Utilization," you may click on the labels.

This tool may be used to estimate the reduction (or increase) in light levels when you replace lamps without changing the number of fixtures, OR it can estimate the number of fixtures (with lamp B) required to maintain the same average light level.

<u>To GE Lighting Toolkit Home</u>	Dimming System Watts Estimator	Copyright ©2002 General Electric Company All Rights Reserved Version 1.03																																					
<p>Obtain an overall equivalent wattage and calculate energy reduction obtained when using a dimming system.</p> <p>SEE INSTRUCTIONS AT BOTTOM.</p>																																							
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="text-align: center; padding: 5px;">INPUT</th> </tr> </thead> <tbody> <tr> <td style="width: 40%; padding: 5px;">Fixture Watts at Full Power <input type="text"/></td> <td colspan="2" style="width: 60%; padding: 5px;">Number of Fixtures <input type="text"/></td> </tr> <tr> <th style="width: 33%; padding: 5px;">Operational Setting</th> <th style="width: 33%; padding: 5px;">Percent of Full Power</th> <th style="width: 33%; padding: 5px;">Percent of Time at this Setting</th> </tr> <tr> <td style="padding: 5px;">Full Power</td> <td style="padding: 5px; text-align: center;">100 %</td> <td style="padding: 5px; text-align: center;"><input type="text"/> %</td> </tr> <tr> <td style="padding: 5px;">Dimming Setting 1</td> <td style="padding: 5px; text-align: center;"><input type="text"/> %</td> <td style="padding: 5px; text-align: center;"><input type="text"/> %</td> </tr> <tr> <td style="padding: 5px;">(Optional) Dimming Setting 2</td> <td style="padding: 5px; text-align: center;"><input type="text"/> %</td> <td style="padding: 5px; text-align: center;"><input type="text"/> %</td> </tr> <tr> <td colspan="3" style="text-align: center; padding: 5px;">Calculate</td> </tr> <tr> <td colspan="2"></td> <th style="padding: 5px;">At Full Power</th> <th style="padding: 5px;">With Dimming</th> </tr> <tr> <td style="padding: 5px;">Effective Fixture Watts</td> <td style="padding: 5px; text-align: center;"><input type="text"/></td> <td style="padding: 5px; text-align: center;"><input type="text"/></td> </tr> <tr> <td style="padding: 5px;">Relative Power Consumption</td> <td style="padding: 5px; text-align: center;">100 %</td> <td style="padding: 5px; text-align: center;"><input type="text"/></td> </tr> <tr> <td style="padding: 5px;">Total Power Load (kW)</td> <td style="padding: 5px; text-align: center;"><input type="text"/></td> <td style="padding: 5px; text-align: center;"><input type="text"/></td> </tr> <tr> <td colspan="2" style="padding: 5px;">Power Reduction with Dimming System (kW)</td> <td style="padding: 5px; text-align: center;"><input type="text"/></td> </tr> </tbody> </table>			INPUT			Fixture Watts at Full Power <input type="text"/>	Number of Fixtures <input type="text"/>		Operational Setting	Percent of Full Power	Percent of Time at this Setting	Full Power	100 %	<input type="text"/> %	Dimming Setting 1	<input type="text"/> %	<input type="text"/> %	(Optional) Dimming Setting 2	<input type="text"/> %	<input type="text"/> %	Calculate					At Full Power	With Dimming	Effective Fixture Watts	<input type="text"/>	<input type="text"/>	Relative Power Consumption	100 %	<input type="text"/>	Total Power Load (kW)	<input type="text"/>	<input type="text"/>	Power Reduction with Dimming System (kW)		<input type="text"/>
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Power Reduction with Dimming System (kW)		<input type="text"/>																																					
<p>INSTRUCTIONS: The estimator assumes that the system can be operated at three settings: Full Power, Dimming Setting 1 (for example, 70% power) and Dimming Setting 2 (say, 50% power). Enter the fraction of time the system is being operated at each setting, e.g. 20% of the time at full power, 50% of the time at 70% power, and 30% of the time at the 50% power setting. Then press "Calculate".</p>																																							

To GE Lighting Toolkit Home	COST OF WAITING Estimator	Copyright ©2002 General Electric Company All Rights Reserved Version 1.03
Not changing your lighting can be costing you money! Calculate the cost of postponing the proposed lighting upgrade. SEE INSTRUCTIONS AT BOTTOM.		
Print		
INPUT		
Number of Fixtures <input type="text" value="1"/>	Hours burned per yr. <input type="text" value="4500"/>	Cost per kWh \$ <input type="text" value="0.10"/>
.	Current System	(If) Upgraded
Watts per fixture	<input type="text"/>	<input type="text"/>
Calculate		
Energy \$ used per yr.	Current System <input type="text"/>	If Upgraded <input type="text"/>
Cost of Waiting (The Cost of Doing Nothing)	<input type="text"/> per year =	<input type="text"/> per month
INSTRUCTIONS: Enter the correct numbers in the input section and press "Calculate". You may change the default numbers provided for cost per kWh, hours burned, etc..		
This tool presents the cost of postponing the lighting upgrade as the potential energy savings that are being denied.		

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Simple Life-Cycle Cost Estimator

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Compare life cycle costs for two different lamps. Life-cycle cost-benefit analysis is the method recommended by the Illumination Engineering Society of North America (IESNA).
SEE INSTRUCTIONS AT BOTTOM.

[Print](#)

INPUT

Burning Hours per yr. <input type="text" value="4500"/>	..Cost per kWh <input type="text" value=".10"/>	
...	LAMP A	LAMP B
Lamp Name (optional)	<input type="text"/>	<input type="text"/>
Lamp Watts (fixture watts/no. of lamps in fixture)	<input type="text"/>	<input type="text"/>
Lamp Cost (include disposal cost)	<input type="text"/>	<input type="text"/>
Lamp Life (hr.)	<input type="text"/>	<input type="text"/>
Labor \$ to replace Lamp	<input type="text"/>	<input type="text"/>
Lamp Mean Lumens (OPTIONAL)	<input type="text"/>	<input type="text"/>

[Calculate](#)

(Calculations below are based on Life-Cycle Costs for a single lamp)	LAMP A	LAMP B
Cost over Lamp Life	<input type="text"/>	<input type="text"/>
Cost per 1000 hours	<input type="text"/>	<input type="text"/>
Cost per year	<input type="text"/>	<input type="text"/>
Cost per million lumen-hours	<input type="text"/>	<input type="text"/>
Annualized Savings, Lamp B over Lamp A	<input type="text"/>	

INSTRUCTIONS: Enter the correct values in the input cells and press calculate. You may change the values for hours per year and \$ per kWh that are provided as default values.

If you are comparing lamps with significantly different light output, the "Cost per year" numbers may differ drastically and the "Annualized Savings" number is not meaningful. Therefore, "Cost per million lumen-hours" is a useful comparison of the two lamps and represents a true "Cost of Light."



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Software and interactive resources to help you master the subtleties of light.

Value*Light | Quality of Light | Hi*Calc Software | Light*Beams Software | IES Downloads



Hi*Calc Software

Learn how differences in voltage affect life, light output, and color of Halogen and Incandescent lamps.

Specify the voltage that the lamp was designed to operate and the voltage at which the lamp will actually operate at after it is installed - Hi*Calc will do the rest. Through easy-to-read displays, Hi*Calc allows you to evaluate light output, efficiency, life, power consumption, and chromaticity as a function of voltage shift. The meter readings can be easily converted to graphical representations for trend analysis.

System Requirements for HI*Calc:

- Minimum 486 PC SVGA MONITOR
- 2MB Free Disk space DOS 5.0 or greater Windows
- 3.1 Recommended
- 486 PC Pentium or better DOS 6.0 or greater Windows 3.1, Windows 95 or NT

For best results, please set your Windows Video driver to 1024x768 resolution.

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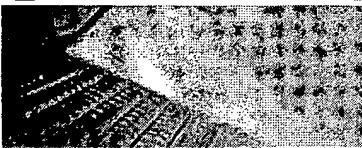
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Quality of Light

Color Temperature indicates the atmosphere created by the light source.

The higher the color temperature, the "cooler" the color.

Color temperatures...

- Of 2000K -3000K create a "warm" atmosphere.
- Above 4000K are "cool" in appearance.
- Between 3000K and 4000K are considered intermediate and tend to be preferred.

Color Rendering Index (CRI) rates a light source's ability to render colors in a natural way, based on a scale from 0 to 100.

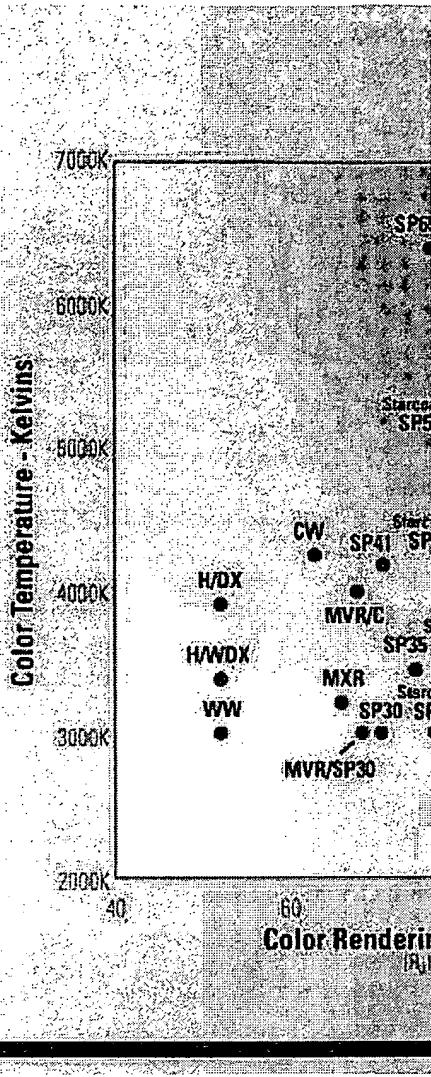
In general, light sources with high CRI (80-100) will make people and things look better than those with lower CRIs.

Color Rendering and Color Temperature

The chart at right shows both dimensions of light source color—color temperature and color rendering—for the most popular light sources.

Lamp Designations Are:

SP30	Specification Series 3000K Fluorescent
SP35	Specification Series 3500K Fluorescent
SP41	Specification Series 4100K Fluorescent
SP65	Specification Series 6500K Fluorescent
SPX30	Deluxe Specification Series 3000K Fluorescent
SPX35	Deluxe Specification Series 3500K Fluorescent
SPX41	Deluxe Specification Series 4100K Fluorescent
SPX50	Deluxe Specification Series 5000K Fluorescent
CW	Cool White, Fluorescent
WW	Warm White, Fluorescent
C50	Chroma 50, Fluorescent
INC	Incandescent
H/DX	Mercury Deluxe
H/WDX	Mercury Warm Deluxe
MVR	Multi-Vapor*
MVR/SP30	Multi-Vapor*, Phosphor Coated
MXR	Halarc®
LU/DX	Deluxe Lucealox®
CMH	ConstantColor CMH™



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Software and interactive resources to help you master the subtleties of light.

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Light*Beams Software



GE Lighting offers multiple tools for business customers. Our Light*Beams Software delivers a desktop tool for your essential lighting information.

Light*Beams™ - Directional Lamp Performance Software, now including year 2000 products is an interactive piece of software designed to help you choose the perfect GE R, PAR, MR or ER lamp for your downlighting and accent lighting needs.

Use Light*Beams to display the candlepower data for any lamp you choose - Light*Beams will perform the simple point calculations to tell you how much light will fall onto the surface as either a candle curve or cone diagram. Select a lamp, define its distance from a surface and its aiming angle with respect to the surface, and Light*Beams will do the rest. If you aren't sure which lamp to choose, let Light*Beams help you. Light*Beams contains Lamp*Scout which will identify lamps meeting your performance criteria.

System Requirements for Light*Beams:

- Minimum 486P CSVGA MONITOR
- 2MB Free Disk space DOS 5.0 or greater Windows 3.1 Recommended
- 486 PC Pentium or better
- DOS 6.0 or greater
- Windows 3.1, Windows 95 or NT

For best results, please set your Windows Video driver to 1024 x 768 resolution, 256 color.

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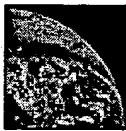
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The Lighting Specifier
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The Right Resources for the Right Lighting Choice.



Environmental Information

GE is committed to providing environmentally responsible products to satisfy your clients' needs and concerns.



Technical Briefs

Here's the place to find downloadable GE Technical Briefs written on a variety of technologies.



GE Edison Award Overview

GE Lighting sponsors the Edison Award competition annually to recognize excellence and quality in lighting designs.

This section includes articles, technical briefs and more that give specific information on lamps and lighting systems that you can utilize when determining what lamp is the choice for any space, product or application you have in mind.

When it comes to specifying lamps for your projects, GE Lighting offers a wide array of resources and reference materials to make your choices easier and smarter. [Download software tools](#) to help you identify the best lamp for your performance criteria.

Are you in need of [Technical Information](#)?



Industry Links

Lighting-related organization web sites provide a wealth of useful information.

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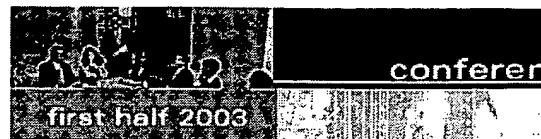
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January | 27-31 |
Fundamentals of Commercial and Industrial Lighting

February | 12-13 |
Healthcare Lighting

February | 19-21 |
Distributor Lighting Basics**

February | 27-28 |
Lighting Retrofit

Register Online for a GE Lighting Conference

FAQ

Lighting Institute questions and answers.

Toolkit

Seven simple estimating tools for lighting professionals. Access the Lighting Toolkit [online](#) or download a zip file to your computer.

Value*Light 1.3

Download the Value*Light 1.3 Advanced Cost of Light Tool free.

Literature Library

Download, view and print informative materials on GE Lighting products.

Edison Award Entries

The deadline for entering your professional lighting project is 2/3/03.

Resources**Information****Specialty Lighting**

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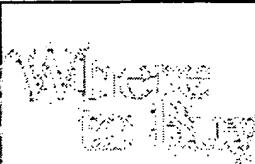
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Find the best lighting for your business through
commercial distributor near you. Just click on
region below to find out where.

MIDWEST	NORTH CENTRAL	NORTHEAST	PACIFIC MOUNTAIN	SOUTHEAST	SOUTHWEST	HARD TO FIND / SPECIALTY BULBS
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- | [Southeast](#)
- | [Midwest](#)
- | [Hard To Find / Specialty Bulbs](#)

Not all distributors carry a full line of GE Lighting products at every location. Please contact your local distributor for product availability.

Braid Electric	www.braidelectric.com	1 800 342 1115
Bulbman	www.bulbman.com	1 800 648 1163
CED	www.cedgateway.com	1 818 597 3037
DESCO	www.descoinc.com	1 704 633 6331
E. Sam Jones Distributor	www.esamjones.com	1 800 624 9849
GE Supply	www.gesupply.com	1 888 964 7585
Grainger	www.grainger.com	1 888 361 8649
Graybar	www.graybar.com	1 800 472 9227
Lowe Electric	www.loweelectric.com	1 800 868-8661
Matthews Electric Supply	www.matthewselectric.com	1 800 605 3192
NESCO Electrical Distributors	www.nescoelectric.com	1 662 840 4750
Rexel	www.rexelusa.com	1 972 387 3600
Robinson Electric	www.robinson-electric.com	1 308 632 2223
Shepherd Electric Supply	www.shepherdelec.com	1 800 253 1777
Womack Electric Supply	www.womackelectric.com	1 804 793 5134

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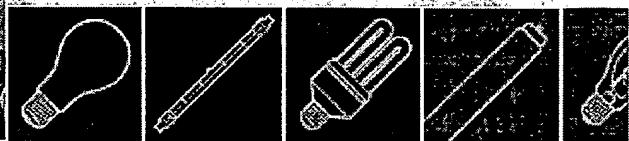
- ▷ [Incandescent](#)
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- ▷ [Fluorescent](#)
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Are you using the

right light?



Mouse Over the following images for more details.



Welcome to the GE Lighting e-Catalog, Version 4.0.

To begin browsing, choose a product line on the left. To search for a product by product code, description or particular characteristics, use the search option at top of the page. For more information about using the e-Catalog, product operating notes and warning/caution notices, use the Help button.

Lighting Specification Bulletins have joined the e-Catalog! By adding these technical specifications, known as LSBs, we can now provide more of the information you're looking for. To find an LSB, just look for this icon:

We're constantly updating the e-Catalog, so be sure to bookmark this site and visit us again soon.

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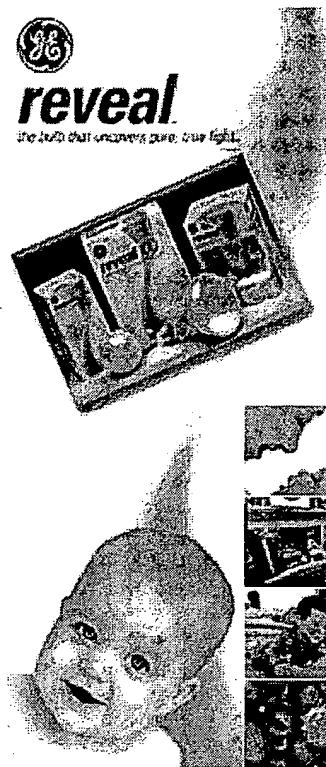
GE Lighting North America

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- Standard Incandescent
 - Watt-Miser®
 - Watt-Miser® & Watt-Miser® Plus
 - Miser®
 - E27 Base - Export
 - Export PAR
 - Lumen Rated Traffic Signal
 - Airport
 - Multiple Street Lighting
 - Decorative
 - Portable Lighting Products
 - Watt-Miser® Plus
 - Watt-Miser® PAR
 - Export-Only
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Are you using the

right light



Key Benefits

- Provides a true, pure, crisper light for home

A coating of the natural earth element, Neodymium, filters out yellows in the color spectrum to produce a crisper light

- Home décor and household objects look truer in color and more vivid

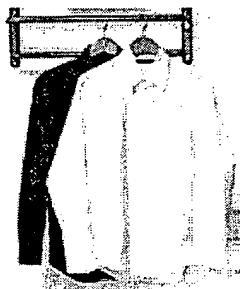
Americans spend \$149 billion on home improvements every year. Why should they settle for anything less than the best quality home lighting? The richness of the cloth fabrics, walls and artwork in their home will appear truer in color with GE Reveal lighting. The design and technology of GE Reveal bulbs makes colors "pop" in a way they don't with ordinary incandescent bulbs.

- Makes daily tasks easier

In focus group research, consumers preferred GE Reveal bulbs for both ambient lighting, citing the "crisper" nature of the light, making it ideal for tasks such as hobbies and other close-up work.

GEreveal.com

*Move your mouse over the picture below to see the difference**



Standard Bulb

* Photos enhanced to dramatize differences in color.

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▼ Incandescent

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- Watt-Miser® & Watt-Miser® Plus
- Miser®
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- Watt-Miser® PAR
- Export-Only
- Halogen
- High Intensity Discharge
- Fluorescent
- Compact Fluorescent
- Stage/Studio
- Miniature/Sealed Beam
- Projection
- Merchandiser

Are you using the
right light

Standard Incandescent (439 Items)

- Warm, dimmable low first cost light
- Most versatile light source
- Suitable for a wide range of lighting applications

[Prev](#), [1](#), [2](#), [3](#), [4](#), [5](#), [6](#), [7](#), [8](#), [9](#), [10](#), [11](#), [12](#), [13](#), [14](#), [15](#), [16](#), [17](#), [18](#), [19](#), [20](#), [21](#), [22](#), [Next](#)

Product Code	Description	Volts	Bulb Type	Base Type
<input type="checkbox"/> 11098	3S6/5 24PK	130	S6	Cand
<input type="checkbox"/> 20572	4C7/S CD4	120	C7	Cand
<input type="checkbox"/> 20573	4C7/W/S CD4	120	C7	Cand
<input type="checkbox"/> 43050	4C7 CARD 2	120	C7	Cand
<input type="checkbox"/> 26223	4C7/BL CD2 6PK	120	C7	Cand
<input type="checkbox"/> 26222	4C7/PK-CD2 6PK	120	C7	Cand
<input type="checkbox"/> 16001	4C7/W CD2	120	C7	Cand
<input type="checkbox"/> 11577	6S6/3	120	S6	Cand
<input type="checkbox"/> 11592	6S6DC TRAY	120	S6	DC Bay
<input type="checkbox"/> 11594	6S6/DC TRAY	130	S6	DC Bay
<input type="checkbox"/> 11609	6S6DC 24PK	145	S6	DC Bay
<input type="checkbox"/> 11764	6T41/2/1	130	T4.5	Cand
<input type="checkbox"/> 11316	6S6 24PK	12	S6	Cand
<input type="checkbox"/> 11331	6S6 24PK	30	S6	Cand
<input type="checkbox"/> 11329	6S6	24	S6	Cand
<input type="checkbox"/> 15820	6S6 CARD2	120	S6	Cand
<input type="checkbox"/> 43397	6S6 BB	32	S6	Cand
<input type="checkbox"/> 11374	6S6	155	S6	Cand
<input type="checkbox"/> 11372	6S6	145	S6	Cand
<input type="checkbox"/> 11369	6S6 TRAY	130	S6	Cand



[Prev](#), [1](#), [2](#), [3](#), [4](#), [5](#), [6](#), [7](#), [8](#), [9](#), [10](#), [11](#), [12](#), [13](#), [14](#), [15](#), [16](#), [17](#), [18](#), [19](#), [20](#), [21](#), [22](#), [Next](#)

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Are you using the
right light

▼ Incandescent

- Standard Incandescent
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- Watt-Miser® & Watt-Miser® Plus
- Miser®
- E27 Base - Export
- Export PAR
- Lumen Rated Traffic Signal
- Airport
- Multiple Street Lighting
- Decorative
- Portable Lighting Products
- Watt-Miser® Plus
- Watt-Miser® PAR
- Export-Only
- Halogen
- High Intensity Discharge
- Fluorescent
- Compact Fluorescent
- Stage/Studio
- Miniature/Sealed Beam
- Projection
- Merchandiser

■ Watt-Miser® & Watt-Miser® Plus (48 Items)

- 33% longer life
- 10-15% energy cost savings
- Available in 34-135 watts to replace 40-150 watt standard bulbs
- For even longer life – 2500 hours – use Watt-Miser® Plus bulbs



[Prev](#), [1](#), [2](#), [3](#), [Next](#)

Product Code	Description	Volts	Bulb Type	Base Type
<input type="checkbox"/> 13009	40A/34WMP/99	130/120	A19	Med
<input type="checkbox"/> 12620	40A/34WM	130/120	A19	Med
<input type="checkbox"/> 12612	40A/34WM	120	A19	Med
<input type="checkbox"/> 13012	60A/52WMP/99	130/120	A19	Med
<input type="checkbox"/> 13555	60A/52WM/CL	130/120	A19	Med
<input type="checkbox"/> 12623	60A/52WM	130/120	A19	Med
<input type="checkbox"/> 12615	60A/52WM	120	A19	Med
<input type="checkbox"/> 17960	60A21/54WM/TS		A21	Med
<input type="checkbox"/> 17961	60A21/54WM/TS		A21	Med
<input type="checkbox"/> 11904	55A/SW/MI 48PK	120	A19	Med
<input type="checkbox"/> 12624	75A/67WM	130/120	A19	Med
<input type="checkbox"/> 17969	69A21/60WM/TS		A21	Med
<input type="checkbox"/> 17968	69A21/60WM/TS		A21	Med
<input type="checkbox"/> 13018	75A/67WMP/99	130/120	A19	Med
<input type="checkbox"/> 20331	65R30/FL/MI- 6PK	120	BR30	Med
<input type="checkbox"/> 20332	65R30/SP/MI-6PK	120	BR30	Med
<input type="checkbox"/> 22978	65R30/FL/PRO-6PK	130	BR30	Med
<input type="checkbox"/> 26641	75R30/FL/65WM/B	120	BR30	Med
<input type="checkbox"/> 46855	65R30/FL	130	BR30	Med
<input type="checkbox"/> 47683	65R40/FL/LLPQ1-6	120	BR40	Med

[Prev](#), [1](#), [2](#), [3](#), [Next](#)

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- HIR/XL (UltraLong Life) PAR38
- HIR™ PAR38
- Long Life PAR38
- Standard Halogen PAR38
- Cool Beam PAR38
- Quartzline® PAR38
- Compact HIR™ PAR30
- Compact PAR30 Long Neck
- Compact PAR30
- Compact PAR20
- A-Line/Decorative
- PAR36
- Turn & Lock ConstantColor® MR16
- ConstantColor® Precise™ Cover
- Glass MR16
 - ConstantColor® Precise™ MR16
 - Standard MR16
 - Standard MR11
 - Quartz Halogen
 - Quartzline® HIR™
 - Quartzline® Halogen
 - Airport
 - Tubular Quartz Heat
 - Halogen Compact PAR16
- High Intensity Discharge
- Fluorescent
- Compact Fluorescent
- Stage/Studio
- Miniature/Sealed Beam
- Projection
- Merchandiser

Are you using the

right light

HALOGEN FLOOD & SPOTLIGHTS

Also designed for use in recessed fixtures, halogen floods and spots are your best choice for a clean bright look. Halogen bulbs create a crisper, whiter light that makes colors appear more vibrant making furniture and artwork glow with life. Plus, halogen technology helps reduce energy consumption while providing exceptionally long bulb life ideal for hard to reach recessed lighting.

GE is pleased to offer a full line of halogen bulbs



Standard Halogen is our basic flood or spotlight with a long 2,000 hour life.



Halogen Plus lasts 25% longer than our Standard halogen.



Top-of-the-line **Ultra™ Halogen** provides the highest light output, maximum electricity savings and 50% longer life.



Low Voltage ConstantColor® Halogen MR16 is the contemporary choice for today's high-tech lighting. Use to create bright pools of light over countertops, or to create light patterns on a wall.

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 [Browse](#) | [Search](#) | [Help](#)
 [Incandescent](#)
 [Halogen](#)
[Long Life PAR38 \(20 Items\)](#)
 [HIR/XL \(UltraLong Life\) PAR38](#)
 [HIR™ PAR38](#)
 [Long Life PAR38](#)
 [Standard Halogen PAR38](#)
 [Cool Beam PAR38](#)
 [Quartzline® PAR38](#)
 [Compact HIR™ PAR30](#)
 [Compact PAR30 Long Neck](#)
 [Compact PAR30](#)
 [Compact PAR20](#)
 [A-Line/Decorative](#)
 [PAR36](#)
 [Turn & Lock ConstantColor® MR16](#)
 [ConstantColor® Precise™ Cover Glass MR16](#)
 [ConstantColor® Precise™ MR16](#)
 [Standard MR16](#)
 [Standard MR11](#)
 [Quartz Halogen](#)
 [Quartzline® HIR™](#)
 [Quartzline® Halogen](#)
 [Airport](#)
 [Tubular Quartz Heat](#)
 [Halogen Compact PAR16](#)
 [High Intensity Discharge](#)
 [Fluorescent](#)
 [Compact Fluorescent](#)
 [Stage/Studio](#)
 [Miniature/Sealed Beam](#)
 [Projection](#)
 [Merchandiser](#)

- 25% to 50% longer life – 2500 hours to 3000 hours-than standard Halogen PAR lamps



Product Code	Description	Volts	Bulb Type	Base Type
<input type="checkbox"/> 16229	45PAR/H/SP10	130/120	PAR38	Med Skirt
<input type="checkbox"/> 16231	45PAR/H/FL25	130/120	PAR38	Med Skirt
<input type="checkbox"/> 17470	45PAR/H/SP10	120	PAR38	Med Skirt
<input type="checkbox"/> 17471	45PAR/H/FL25 6PK	120	PAR38	Med Skirt
<input type="checkbox"/> 25266	60PAR/H/SP10	120	PAR38	Med Skirt
<input type="checkbox"/> 25269	60PAR/H/FL25	120	PAR38	Med Skirt
<input type="checkbox"/> 21389	75PAR/H/FL25	130/120	PAR38	Med Skirt
<input type="checkbox"/> 26564	75PAR/H/FL-TWIN	120	PAR38	Med Skirt
<input type="checkbox"/> 14751	75PAR/H/SP9-6PK	120	PAR38	Med Skirt
<input type="checkbox"/> 14748	75PAR/H/FL25-6PK	120	PAR38	Med Skirt
<input type="checkbox"/> 13308	90PAR/H/FL25	130/120	PAR38	Med Skirt
<input type="checkbox"/> 13311	90PAR/H/SP10	130/120	PAR38	Med Skirt
<input type="checkbox"/> 22742	90PAR/H/FL-TWIN	120	PAR38	Med Skirt
<input type="checkbox"/> 17450	90PAR/H/SP10-6PK	120	PAR38	Med Skirt
<input type="checkbox"/> 17451	90PAR/H/FL25-6PK	120	PAR38	Med Skirt
<input type="checkbox"/> 25727	90PAR/H/WFL-120V	120	PAR38	Med Skirt
<input type="checkbox"/> 41631	120PAR/H/FL30	120	PAR38	Med Skirt
<input type="checkbox"/> 41632	120PAR/H/SP9	120	PAR38	Med Skirt
<input type="checkbox"/> 25270	60 PAR/H/SP10	130/120	PAR38	Med Skirt
<input type="checkbox"/> 25271	60PAR/H/FL25	130/120	PAR38	Med Skirt

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 Reduced Wattage



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Are you using the
right light

Incandescent
 Halogen

- HIR/XL (UltraLong Life) PAR38
- HIR™ PAR38
- Long Life PAR38
- Standard Halogen PAR38
- Cool Beam PAR38
- Quartzline® PAR38
- Compact HIR™ PAR30
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- ConstantColor® Precise™ MR16
- Standard MR16
- Standard MR11
- Quartz Halogen
- Quartzline® HIR™
- Quartzline® Halogen
- Airport
- Tubular Quartz Heat
- Halogen Compact PAR16

- High Intensity Discharge**
- Fluorescent**
- Compact Fluorescent**
- Stage/Studio**
- Miniature/Sealed Beam**
- Projection**
- Merchandiser**

Basic **Right Light Options**

26564 - Long Life PAR38 Item Detail

<u>Subcategory</u>	Long Life PAR38
<u>Product Code</u>	26564
<u>Description</u>	75PAR/H/FL-TWIN
<u>Volts</u>	120
<u>Watts</u>	75
<u>Average Life in Hours</u>	2500
<u>CBCP</u>	4000
<u>Bulb Type</u>	PAR38
<u>Base Type</u>	Med Skirt
<u>Max Overall Length (in.)</u>	5.313
<u>Max Overall Length (mm)</u>	135.000
<u>Filament Type</u>	CC-8
<u>Sales Unit UPC</u>	043168265645
<u>Case UPC</u>	043168265645
<u>Case Quantity</u>	3
<u>Additional Information</u>	Floodlight

Reduced Wattage

Return to product list

Set the current view to the default view

VIRTUAL LIGHTING DESIGNER

Business Restaurant

GE Lighting

Welcome to the Virtual Lighting Designer. Select a room from the list above and then select types of lighting you would like to see in the room, and Light It. You can compare the options side-by-side and scroll within the room in panoramic 360 mode. Then see the bulbs we recommend for your choices base on what you want from your lighting. (Patent Pending)

GENERAL	PERIMETER	DECORATIVE
<input type="radio"/> No Selection <input type="radio"/> Indirect lighting <input type="radio"/> Recessed <input checked="" type="radio"/> Cove Lighting	<input type="radio"/> No Selection <input type="radio"/> Table Lamp <input type="radio"/> Recessed <input checked="" type="radio"/> Chandelier	<input type="radio"/> No Selection <input type="radio"/> Cove Lighting <input checked="" type="radio"/> MiniTrack <input type="radio"/> Wall Sconce

LIGHT IT **COMPARE** **PRINT**

Application	What I Want	Product #	Product name
General: Cove Lighting	Light Output <input checked="" type="checkbox"/>	15951	F40T8/SP35
Perimeter: Chandelier	Light Quality <input checked="" type="checkbox"/>	20768	60A/NEO-24PK
Decorative: MiniTrack	Energy Efficiency <input checked="" type="checkbox"/>	20826	Q35MR16/C/SP20

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VIRTUAL LIGHTING DESIGNER

Business

Warehouse

GE Lighting

Welcome to the Virtual Lighting Designer. Select a room from the list above and then select types of lighting you would like to see in the room, and Light It. You can compare the options side-by-side and scroll within the room in panoramic 360 mode. Then see the bulbs we recommend for your choices base on what you want from your lighting. (Patent Pending)

HIGH BAY	LOW BAY	
<input type="radio"/> No Selection <input type="radio"/> High Pressure Sodium <input checked="" type="radio"/> Metal Halide <input type="radio"/> Fluorescent	<input type="radio"/> No Selection <input type="radio"/> Fluorescent <input type="radio"/> Metal Halide <input checked="" type="radio"/> High Pressure Sodium	

LIGHT IT **COMPARE** **PRINT**

Application	What I Want	Product #	Product name
High Bay: Metal Halide	Light Output <input checked="" type="checkbox"/>	13923	400W XHO Multi Vapor
Low Bay: High Pressure S	Light Quality <input checked="" type="checkbox"/>	26851	400 Watt Chromofit
No Selection:	Energy Efficiency <input checked="" type="checkbox"/>	No Selection	No Selection

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**VIRTUAL
LIGHTING
DESIGNER**

Business Warehouse

GE Lighting

HIGH BAY	LOW BAY		HIGH BAY	LOW BAY	
<input type="radio"/> No Selection	<input type="radio"/> No Selection		<input type="radio"/> No Selection	<input type="radio"/> No Selection	
<input type="radio"/> High Pressure Sodium	<input type="radio"/> Fluorescent		<input type="radio"/> High Pressure Sodium	<input type="radio"/> Fluorescent	
<input checked="" type="radio"/> Metal Halide	<input type="radio"/> Metal Halide		<input type="radio"/> Metal Halide	<input type="radio"/> Metal Halide	
<input type="radio"/> Fluorescent	<input type="radio"/> High Pressure Sodium		<input checked="" type="radio"/> Fluorescent	<input type="radio"/> High Pressure Sodium	

LIGHT IT **PRINT** **LIGHT IT** **END/COMPARE**

Application	What I Want	Product #	Product name
High Bay: Fluorescent	Light Output <input checked="" type="checkbox"/>	12532	F96T8 High Output- 86W
Low Bay: Fluorescent	Light Quality <input checked="" type="checkbox"/>	22656	F32T8/SPX- 32W
No Selection:	Energy Efficiency <input checked="" type="checkbox"/>	No Selection	No Selection

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**VIRTUAL
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Business Street Lighting

GE Lighting

STREET LIGHTS	DECORATIVE	PARKING LOT	STREET LIGHTS	DECORATIVE	PARKING LOT
<input type="radio"/> No Selection	<input type="radio"/> No Selection	<input type="radio"/> No Selection	<input type="radio"/> No Selection	<input type="radio"/> No Selection	<input type="radio"/> No Selection
<input type="radio"/> Cobra Head	<input type="radio"/> Colonial	<input type="radio"/> Shoe Box 1	<input type="radio"/> Cobra Head	<input type="radio"/> Colonial	<input type="radio"/> Shoe Box 1
<input checked="" type="radio"/> Cobra Head-Cutoff	<input type="radio"/> Globe	<input type="radio"/> Shoe Box 2	<input type="radio"/> Cobra Head-Cutoff	<input type="radio"/> Globe	<input type="radio"/> Shoe Box 2
<input type="radio"/> Roadway	<input checked="" type="radio"/> Gas Light	<input checked="" type="radio"/> Shoe Box 3	<input checked="" type="radio"/> Roadway	<input type="radio"/> Gas Light	<input type="radio"/> Shoe Box 3

LIGHT IT **PRINT** **LIGHT IT** **END COMPARE**

Application	What I Want	Product #	Product name
Street Lights: Roadway	Light Output <input checked="" type="checkbox"/>	14675	Ecolux /NC
Decorative: Colonial	Light Quality <input checked="" type="checkbox"/>	26851	Chromafit
Parking Lot: Shoe Box 2	Energy Efficiency <input checked="" type="checkbox"/>	27219	750-Watt PulseArc Multi-Vapo

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GENERAL	PERIMETER		GENERAL	PERIMETER	
<input type="radio"/> No Selection <input type="radio"/> Indirect <input type="radio"/> Fluorescent Standard <input type="radio"/> Fluorescent Parabolic <input checked="" type="radio"/> Fluorescent	<input type="radio"/> No Selection <input type="radio"/> Wall Wash <input type="radio"/> <u>Fluorescent Wall</u> <input checked="" type="radio"/> Cove Lighting		<input checked="" type="radio"/> No Selection <input type="radio"/> Indirect <input type="radio"/> Fluorescent Standard <input type="radio"/> Fluorescent Parabolic <input type="radio"/> Fluorescent	<input type="radio"/> No Selection <input type="radio"/> Wall Wash <input checked="" type="radio"/> <u>Fluorescent Wall</u> <input type="radio"/> Cove Lighting	

LIGHT IT **PRINT** **LIGHT IT** **END COMPARISON**

Application	What I Want	Product #	Product name	
General: No Selection	Safety <input type="checkbox"/>	No Selection	No Selection	Find product
Perimeter: Fluorescent Wa	Product Life <input type="checkbox"/>	25360	Starcoat XL	Find product
No Selection:	Environment Friendly <input type="checkbox"/>	No Selection	No Selection	Find product

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Business

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GENERAL	AMBIENT	TASK	GENERAL	AMBIENT	TASK
<input type="radio"/> No Selection	<input type="radio"/> No Selection	<input type="radio"/> No Selection	<input type="radio"/> No Selection	<input type="radio"/> No Selection	<input type="radio"/> No Selection
<input checked="" type="radio"/> Floor Lamp	<input checked="" type="radio"/> Wall Sconce	<input type="radio"/> Desk Lamp	<input type="radio"/> Floor Lamp	<input type="radio"/> Wall Sconce	<input type="radio"/> Desk Lamp
<input type="radio"/> Wall Lamp	<input type="radio"/> Recessed Cans	<input checked="" type="radio"/> Bathroom Vanity	<input type="radio"/> Wall Lamp	<input type="radio"/> Recessed Cans	<input type="radio"/> Bathroom Vanity
<input type="radio"/> Recessed Cans	<input type="radio"/> Ceiling Lamp	<input type="radio"/> Table Lamp	<input checked="" type="radio"/> Recessed Cans	<input checked="" type="radio"/> Ceiling Lamp	<input checked="" type="radio"/> Table Lamp

LIGHT IT **PRINT** **LIGHT IT** **END COMPARE**

Application	What I Want	Product #	Product name
General: Recessed Cans	Light Output <input type="checkbox"/>	25727	90PAR/H/WFL
Ambient: Ceiling Lamp	Product Life <input type="checkbox"/>	25807	FEA382D/827-BULK
Task: Table Lamp	Energy Efficiency <input type="checkbox"/>	25805	FEA212D/827-BULK

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HIGH BAY	LOW BAY	TASK
<input type="radio"/> No Selection <input type="radio"/> High Pressure Sodium <input checked="" type="radio"/> Metal Halide <input type="radio"/> Parabolic <input type="radio"/> Fluorescent	<input type="radio"/> No Selection <input type="radio"/> Parabolic <input checked="" type="radio"/> Fluorescent <input type="radio"/> Metal Halide <input type="radio"/> High Pressure Sodium	<input type="radio"/> No Selection <input type="radio"/> Linear <input checked="" type="radio"/> Fluorescent <input type="radio"/> Desk Lamp <input type="radio"/> Swing Arm <input checked="" type="radio"/> Inspection

LIGHT IT **COMPARE** **PRINT**

Application	What I Want	Product #	Product name
High Bay: Metal Halide	Light Output <input checked="" type="checkbox"/>	44835	1000 Watt High Light Output
Low Bay: High Pressure S	Product Life <input checked="" type="checkbox"/>	19272	400 Watt Dual Arc Tube
Task: Swing Arm Inspectio	Energy Efficiency <input checked="" type="checkbox"/>	13129	28 Watt Compact Fluorescent

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GENERAL	AMBIENT	TASK
<input type="radio"/> No Selection <input type="radio"/> Prismatic <input type="radio"/> Fluorescent <input checked="" type="radio"/> Parabolic <input type="radio"/> Indirect <input type="radio"/> Fluorescent	<input type="radio"/> No Selection <input checked="" type="radio"/> Wall Mount 1 <input type="radio"/> Wall Mount 2 <input type="radio"/> Night Light	<input checked="" type="radio"/> No Selection <input type="radio"/> Reading Light 1 <input type="radio"/> Reading Light 2 <input type="radio"/> Exam Light

LIGHT IT **COMPARE** **PRINT**

Application	What I Want	Product #	Product name
General: Parabolic Fluores	Light Output <input checked="" type="checkbox"/>	12530	4' T8/SPX41 Fluorescent
Ambient: Wall Mount 1	Product Life <input checked="" type="checkbox"/>	25363	4' T8/XL Fluorescent Lamp
Task: No Selection	Energy Efficiency <input checked="" type="checkbox"/>	No Selection	No Selection

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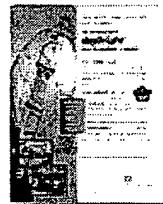
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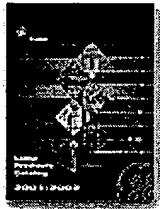
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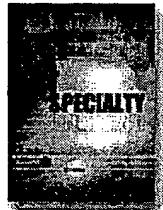
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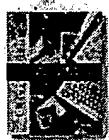
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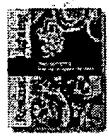
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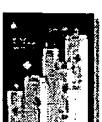


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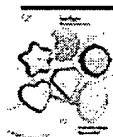
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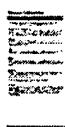
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(02) Front and Back Cover (Inner)

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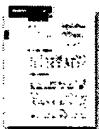
Welcome to the ever-expanding world of light!

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(03) Introduction

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The Introduction summarizes all sections within the Lamp Products Catalog.

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(04) Incandescent

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Want to get to know the grandfather of bulbs? Find out more about the world's first practical electric bulb, incandescent, and access detailed product information here.

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(05) Halogen

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Halogen lamps provide a small, highly efficient white light source with excellent color rendering.

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(06) High Intensity Discharge

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HID lamps provide high efficacy, low operating costs, long life, and compact size.

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**(07) Fluorescent**

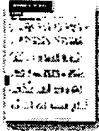
Fluorescent lamps provide low-operating costs, long life, quality of light, flexibility in choices, and instant-start options.

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Compact Fluorescent lamps provide cost savings, long life, high light output, excellent color rendering, and indoor or outdoor options.

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GE Lighting has been a leading supplier to Stage and Studio users for many decades.

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402 KB](#)**(10) Miniature and Sealed Beam**

GE Miniature and Sealed Beam lamps are designed for those applications requiring specific bulb size, voltage, and base.

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Projection lamps are designed for a wide variety of applications, extending beyond original picture-taking and audio-visual projection.

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367 KB](#)**(12) Appendix**

The Appendix provides a lamp-size guide, details for GE's Global Leadership program and sales offices, a glossary, hints on selecting the best color lamp, and data on color rendering and chromacity.

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The 9011 and 9012 headlamp bulbs feature GE Lighting's exciting HIR™ technology.

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Based on the 9005/9006 platforms, this robust 45W foglamp bulb is the latest in a distinguished line of GE Lighting foglamp bulbs.

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GE Lighting invented the metal halide light source... so who better to provide the automotive industry with the most revolutionary headlamp bulb since our invention of halogen technology!

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15- and 20-watt systems replace 60- and 75-watt incandescent bulbs. Economical adapter lasts 4 bulb lives.

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The ultra compact energy saving Biax™ T/E lamps with amalgam technology extend the application space of the innovative triple-tube design. They can be used both in closed luminaires and outdoor applications without significant light loss.

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The Biax T/E™ lamps deliver up to 80% more energy savings and last 12 times longer than most standard incandescent bulbs. Find out more.

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A full family of wattages and colors. Highly efficient... provides light output comparable to standard incandescent bulbs up to 100 watts.

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GE's exclusive breakthrough Genura® technology delivers a new, even smaller lamp design.

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Compact, versatile lamps feature high light output, long life, excellent color and energy cost savings.

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GE's exclusive Slimshell Biax® lamps offer slim body, big energy, savings...and long life!

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GE Ecolux™ lamps provide outstanding performance and pass the EPA toxicity test.

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Mod-U-Line™ is now available in 31 watts and has a 20,000 hour life

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Extra life. Extra light. Extra color. Extraordinary cost savings.

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Introducing GE T8 Lamps with Starcoat™, a proprietary coating technology that gives GE F32T8 lamps the best color rendering and highest maintained light output of any standard T8 lamp.

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Starcoat™ HL - SPX30 addresses the need for high lumens and long life.

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Starcoat™ HL - SPX41 provides 3100 lumens and 25,000 hours of life.

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HID



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The 750W PulseArc Multi-Vapor lamp is retrofit for 1000W metal halide, provides up to \$440 energy savings over lamp life, and has 33% longer life in general. Find out about 750W PulseArc multi-vapor lamps.

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GE Chroma Fit™ Multi-Vapor® Lamps provide improved crisp white color without expensive



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GE's HIR Ultra are the longest life Halogen PAR lamps made. They last three times longer than standard halogen.

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With its ultra long life, crisp white halogen light, and energy efficiency, the HIR Ultra XL™ Par is your choice for perfect color rendering and performance.

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GE's exclusive Silv IR (silvered) halogen reflector has a 4,000-hour long life and 35% more efficiency at the same light output as standard HIR™ lamps.

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GE LongLife Reflector XL lamps deliver more light than standard reflector lamps and are highly efficient, requiring less maintenance.

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